

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047235 A1

(51) International Patent Classification⁷: **C07C 281/14, C07B 57/00, 61/00**

(21) International Application Number:
PCT/EP2004/012872

(22) International Filing Date:
12 November 2004 (12.11.2004)

(25) Filing Language:
English

(26) Publication Language:
English

(30) Priority Data:
60/519,621 14 November 2003 (14.11.2003) US

(71) Applicant (*for all designated States except US*): **BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).**

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **LIU, Weiguo [US/US]; 161 Carlton Drive, Parsippany, NJ 07054 (US). HARRINGTON, Phil [US/DE]; Hammelstalstr.42, 67098 Bad Dürkheim (DE).**

(74) Agent: **REITSTÖTTER, KINZEBACH & PARTNER (GbR); Ludwigsplatz 4, 67059 Ludwigshafen (DE).**

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

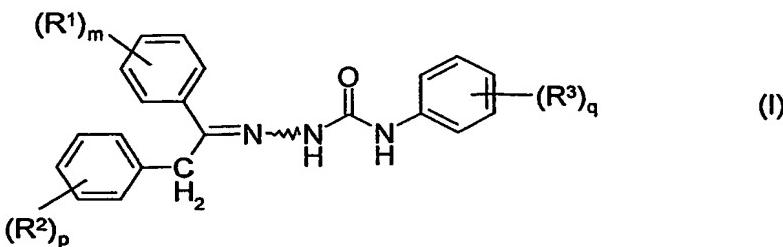
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CIS-TRANS ISOMERISATION OF SEMICARBAZONE COMPOUNDS



WO 2005/047235 A1

(57) Abstract: The present invention relates to the isomerisation of the Z-isomer I-Z of semicarbazone compounds of the general formula (I) into its E-isomer I-E, where the variables in formula (I) have meanings given in claim 1.